

Fall 1971

Focal Spot, Fall 1971

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FOCAL SPOT



A NEWSLETTER OF MALLINCKRODT INSTITUTE OF RADIOLOGY

VOLUME 1

FALL, 1971

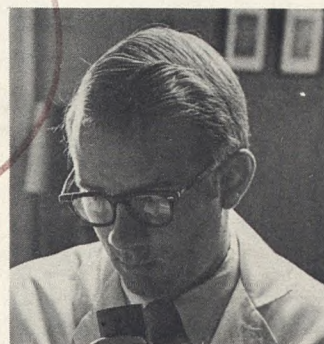
NUMBER 1

Director's Note:

PERSONALIZE YOUR SERVICE

The Mallinckrodt Institute of Radiology is considerably more than the usual hospital department of radiology. Our tradition of research and training is illustrated by our many alumni of radiologists and technologists and by the numerous publications in journals and books. Teaching and research must be based on excellent patient service and care. We cannot be proud of our academic endeavors unless we continue to pursue a course of excellence in radiologic services to the inpatients and outpatients who come to the institute for help.

More than 90% of our employees are directly involved in patient care. Beginning with scheduling and the receiving of the requisition through the recording of patient information and film library activities, to the actual development of the radiograph, its interpretation by our radiologist, and typing and delivering a final report to the patient's chart and to the patient's doctor, we are all involved in helping the patient. Any mistake, inefficiency, or lack of courtesy diminishes the pursuit of our goal to help the patient during his illness. The requisitions,



forms, or reports that we handle are not pieces of paper or film but important stepping stones in a patient's recovery.

Other members of the Mallinckrodt Institute of Radiology family are not directly involved with patient care yet contribute significantly in service to patients in house-keeping or maintenance activities, billing and accounting, etc. All of us contribute to helping patients by our general conduct in the elevators, hallways, and other parts of the building with consideration and respect to the patients who are often with us.

We must continue teaching residents and students and studying ways for improving diagnosis or treatment in the future; however, we must first remember and be dedicated to delivering the best possible service to the patients and physicians of Barnes and Children's Hospitals. I hope all of you will help me in this task.

Dr. Ronald G. Evens, Director of M I R

NEW DEVELOPMENTS IN RADIATION THERAPY

INSURANCE ASSISTANCE OFFICE

An insurance assistance office has been organized on the ground floor of Mallinckrodt Institute to help patients through the financial burdens that are associated with having Cancer and requiring medical care.

"We try to help the patient mobilize his resources and secure welfare assistance when it is needed," stated Dr. William Powers, Director of the Division of Radiation Therapy.

The patient is advised "that it is to his benefit to allow us to help him in dealing with his insurance carrier, or with Medicare or Illinois Medicaid," said Mrs. Margie Reisner, supervisor in Mallinckrodt's ground floor billing department.

Mrs. Reisner's office also tries to give each patient a fair estimate on his bill, helps the patient secure welfare assistance when it is needed, answer any questions a patient may have and attempts to aid him in deciding the best way to clear up any other medical bills he may have outside the institute.

The insurance assistance staff even makes arrangements for the patients' transportation to and from Mallinckrodt through the aid of the American Cancer Society.

4 MeV LINEAR ACCELERATOR

A 4 MeV Linear Accelerator was installed in the Mallinckrodt Institute in early March to be used in treating tumor patients.

The Accelerator is superior to the Cobalt 60 machine in that it is easier to maneuver while directing the radiation beam at the desired area, and it can accomplish treatments in a much shorter amount of time (up to 60 patients a day) because of its high energy and intensity.

The 4 MeV Accelerator works on a somewhat different principle than the Cobalt 60 machine. The Cobalt 60 machine holds a radioactive source in its "head" which gives off continuous radiation whereas the Linear Accelerator speeds up the movement of electrons in an evacuated tube. When the electrons hit a "target", very penetrating x-rays are emitted. Since the source of energy in the Cobalt 60 machine is radioactive, the source becomes depleted after a few years and must be restored.

The Mallinckrodt Institute was able to acquire the 4 MeV Accelerator, and will acquire a 35 MeV Accelerator, through the generosity of an interested donor.



DR. KINZIE RECEIVES FELLOWSHIP

The Phi Beta Psi Sorority has contributed to the research support of Dr. Jeannie Kinzie during the first three years of her American Cancer Society Advanced Clinical Fellowship in radiotherapy which began at Mallinckrodt Institute July 1, 1971. Annual reports of research progress will be submitted to the American Cancer Society by both Dr. Kinzie and by the institute.

RADIATION THERAPY TECHNOLOGY GRADUATES



Edith Grunwald, Marge Griffith, Mattie Edwards, Mike Matheny, B.S.R.T., R.T., Roger Crawford, Dennis Unfleet and Jackie Horner, R.T. (front Center)

The Radiation Therapy Technology School, under the direction of Dr. Carlos A. Perez and partially supported by a grant from the Bi-State Regional Medical Program, will soon graduate five students from the 1970-71 program.

In November, the graduates will present themselves to the American Registry of Radiologic Technologists for examination and certification.

The program has been in operation for

three years to train registered radiological technologists or nurses in the most advanced and increasingly complex techniques for treatment planning of cancer patients by irradiation and dosimetric computations required.

Case studies and physical experiments are performed during the one year graduate course under the supervision of Mr. Mike Matheny, B.S.R.T., R.T., and Mrs. Jackie Horner, R.T..

COFFEE-TEA BAR

Patients on the ground floor of Mallinckrodt Institute can now enjoy a cup of instant coffee or tea as they browse through a choice of magazines and listen to music piped into the waiting room. A drinking fountain emits boiling water for beverages.

The highly successful coffee-tea bar was devised for the convenience of the patients and their families to provide a more pleasant atmosphere while awaiting their radiotherapy treatments or transportation from the hospital.

FOCAL SPOT 

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Virginia R. Trent, Editor
Ann Martz, Assistant Reporter
Norm Hente, Photographer
Deen Getz, Graphic Art

MALLINCKRODT IS PEOPLE



Kathy Johnson, R.T.
Nuclear
Medicine
Student



Robert Feldhaus, R.T.
Supervisor
Diagnostic
Radiology
Research
8 years



Mary
Frances
Hickey
Medical
Secretary
Queeny Tower
17 years



John
Eichling, Ph.D.
Assistant
Professor
Radiation
Physics
8 years



Vicky
Smith
Supervisor
Film Library
18 years

CITY WIDE RADIOLOGY CONFERENCE

The City-Wide monthly meetings resumed in September, with the initial session held in Scarpellino Auditorium on Monday, September 13, 1971. These sessions make a most important contribution to the MIR teaching staff by presenting exciting and radiographically interesting cases in other hospitals. The first meeting was well attended by local and surrounding area radiologists and the dinner "Menu Change" met with an enthusiastic response!

Neuroradiology was the subject of the 5 p.m. lecture given by Dr. Sadek Hilal, Professor of Radiology, New York Neurological Institute, Columbia Presbyterian Medical Center, New York. In addition to basic research in the development of contrast materials, Dr. Hilal is known for the development of the POD catheter, a tiny vascular catheter with a flexible metallic tip which is guided by means of external magnets into small cortical arteries or veins. He also pioneered techniques for embolization of arterio-venous malformations and other vascular lesions of the brain as well as of the nasopharyngeal area. Recently Dr. Hilal and Dr. Glenn Roberson, Director of Neuroradiology at Mallinckrodt collaborated in performing the first successful embolization procedures for a vein of Galen aneurysm in a two year old patient from the St. Louis area.

Dr. W.H. McAlister, Director of Pediatric Radiology, reports the October 18th lecture, "Pulmonary Disease in the Newborn" will be presented by Dr. J. Scott Dunbar, Professor and Head of Department of Diagnostic Radiology of British Columbia, Vancouver, Canada.



ARMAND DIAZ AWARDED FELLOWSHIP

We at Mallinckrodt can be especially proud of the announcement that Armand Diaz, our Technical Administrator, has been awarded a "Fellowship" in the American Society of Radiologic Technologists (ASRT). One of the greatest honors bestowed upon a radiologic technologist by the ASRT (there

are only 39 Fellows), this award is an achievement gained by years of teaching and guest lecturing in 23 different countries. In addition to extensive teaching, Mr. Diaz also authored the book *Radiography of the Skull and Brain* first published in 1964.

MALLINCKRODT WELCOMES NEW RESIDENTS

Dr. Garry D. Shackelford, Chief Resident Radiology, and Dr. G. Leland Melson, Co-Chief report the 1971 residency training program is well under way with six new resident radiologists. They are Dr. Robert T. Bramson, Dr. Edward R. Graviss, Dr. Philip Otis Alderson, Dr. Morris Reed Knight and Dr. Edward Cohen who began their resident training programs in July, 1971 and Dr. Alexander Anthony Cacciarelli who joined the staff September 1, 1971.



Robert T. Bramson, M.D. attended Kansas University Medical School for two years and transferred to Washington University Medical School where he received his medical degree in 1967 and served his internship in Strong Memorial Hospital, Rochester, New York during 1968. He then completed three years of military service in Japan. Dr. Bramson, his wife, Ruth Ann and sons Matt, age 3 and Brian, age 2 reside at 1014 Trianon Lane in Manchester, Missouri. Dr. Bramson's hobby is tennis.

Edward R. Graviss, M.D. attended the University of Louisville, 1964-1968, served his internship at Philadelphia General Hospital, 1968-1969 and was on active duty with the United States Army in 1969-1971 serving in Vietnam in 1971. Upon leaving Vietnam Dr. Graviss came directly to Mallinckrodt and resides with his wife, Joan, and son, Chris, 8 years old, daughters Jennie, 2 years and Melissa, 1 year at 1818 Bookbinder Dr. in Creve Coeur. His favorite hobby is photography.





Philip Otis Alderson, M.D. attended Washington University Medical School in 1966–1970, served his internship at Jewish Hospital, St. Louis, in Internal Medicine. Dr. Alderson and his wife, Marjory, reside at 4400 Lindell in St. Louis and his hobbies include amateur athletics such as softball in the summer, Muny League football in the fall and basketball in the winter.

Morris Reed Knight, M.D. attended the University of Florida School of Medicine, Gainesville, Florida in 1965–1969. Dr. Knight served his Rotating Internship in Barnes Hospital in 1969–1970 and received resident training at Barnes in General Surgery in 1970–1971. He is a lieutenant in the United States Naval Reserve and his military service includes 3½ years of active duty. Dr. Knight, his wife, Kathryn, and daughter Allison, age 11 months, reside at 9621 Hale Avenue in St. Louis. His hobbies include painting, fishing, skin-diving and all sports.



Edward Cohen, M.D. attended the University of Missouri in 1965–1969, served his Rotating Internship at St. John's Mercy Hospital in 1969–1970 and resident training in radiology at St. Louis Jewish Hospital in 1970–1971. He lives in Olivette at 1085 Darwick with his wife, Marla, and son, Jeffrey, age 1½ years, and his favorite pastime is oil painting.

Alexander Anthony Cacciarelli, M.D., attended New Jersey College of Medicine, Jersey City, New Jersey in 1962–1966, served his Rotating Internship at St. Michael and resident training in Pediatrics at St. Michael Medical Center, Newark, New Jersey in 1966–1969 and military service was with the United States Air Force in 1969–1971. Dr. Cacciarelli resides with his wife Jo Ann, and sons, Tony, 5 years and Guy, 2½ years, at 133 Huntleigh Forest Drive in Kirkwood and his interest in sailplanes has led him to the unusual hobby of soaring.



From Behind The Scenes

What is the recently remodeled and expanded department occupying the sixth floor of Mallinckrodt?

It is research, teaching, service; Namely, the division of radiation physics.

This department provides the experiments, tests, and compiled data necessary to improve biology and medicine. Of particular interest at this time is the application of ionizing radiations emitted by radioactive isotopes in the problem of cerebral blood flow and cerebral metabolism.

A second aspect of radiation physics attempts to facilitate the delivery of health care by the design and construction of isotopes, detectors, and x-ray apparatus through modern methods of technology.

Heading the department is Dr. Michel M. Ter-Pogossian, Professor of Radiation Physics. The eleven member professional staff includes three fellows: Dr. Peter Peters, Dr. Marcus Raichle, and Mr. Bruce Wieland.

23 ENROLL IN MIR SCHOOL OF RADIOLOGY TECHNOLOGY

Gary S. Brink, Chief Technician and Assistant Director of Education, reports a new freshman class of 23 students enrolled in MIR School of Radiologic Technology.

Their clinical rotation schedule includes the areas of General Diagnostic Service, Special Procedures, Operating Room, G.I. and G.U. Services, Pediatrics, Nuclear Medicine, Radiation Therapy, Medical Records, and Photo Lab. In addition, there are two new areas: Animal Research, Bob Feldhaus, R.T., instructor; and Nursing, under the direction of Mrs. Carol Evans, R.N., Nursing Supervisor.

On August 31, 1971, seven senior students graduated from MIR; five of whom remained at Mallinckrodt as staff technologists. Julie Blanton and John Schuetz have joined Stan Eisen's staff on fourth floor. Albert Coffman, third floor, is with Leon Fridley. Carol Hippard and Gerrie Will are working in pediatric radiology under the direction of Phil Sotir.

WHY ALL THE SMILES IN BILL BROWN'S DEPT.?



Yes, it's true, everyone is smiling in the Accounting Department and if they should forget to smile for an instant they are still wearing the smile in the form of a bright cheerful yellow button. Why? We don't know; but maybe they know something we don't. Could it be that they have realized that people respond to the corners of the mouth being turned up instead of down? In interviewing a multitude of people the following reasons for the popularity of the smile are quoted:

..Because the buttons are cute.

- ..I think it makes you happy to see a smile.
- ..Everyone likes to be smiled at - it started with a mother smiling at her baby.
- ..To see someone smile at you makes you feel like someone cares.
- ..The buttons remind you to smile.

Like the song says: 'Smile and the World Smiles With You' or 'Smile, Darn You, Smile' - - Well, whatever the reasons - - we do like the cheerful look of Bill Brown's Dept. - - - maybe it's something that will catch on!

NEW EQUIPMENT FOR CARDIAC CARE

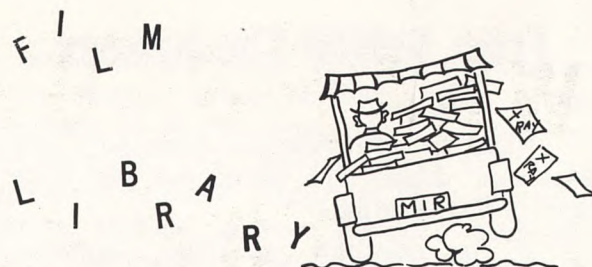
Dr. Nikolas Schad, Head of the Cardiac Section, reports they are in the process of installing new equipment in the third floor Cardiac Room which will allow cineangiography of the heart simultaneously in two planes. This will be of great value for the diagnosis of congenital heart disease in infants and small children. The second cine-plane can also be used in the second Cardiac Room, updating and enlarging the possibilities of the cardiac examinations. This was necessary, because the number of examinations increased - many more patients with coronary disease had to be examined.

The rapid progress in the installation of the new equipment was made possible by the excellent, intensive cooperation between our own technical people and those from the Siemens Company, as well as by that of our hard-working construction people.

CONTRAST MEDIA STUDY

As of July 15, 1971, Dr. Robert Stanley has been designated acting Head of the Abdomen Section. His staff includes Dr. Charles Robertson and Dr. Albert Hesker.

During the month of August in cooperation with the International Society of Radiology, Committee on Safety of Contrast Media, reports have been completed on all patients receiving intravenous pyelograms and intravenous cholangiograms performed on the fourth floor. The purpose of this international collaborative study is to document the safety of intravascular contrast media as well as to define more clearly the nature of the adverse reactions which can potentially result as well as the forms of treatment used. Starting in the middle of September, pediatric patients and patients in the Bone and Joint section, as well as those on the fourth floor who are receiving intravascular contrast agents will be included in this study.



Nancy Craig, Administrative Assistant in charge of Radiological Records, has recently joined Mallinckrodt after 8 years as Assistant Director of Barnes. Miss Craig reports that all films over one year old are now stored at the new warehouse (formerly Storz Instrument Building). A motorized vehicle is used for transporting films between the warehouse and the first floor film library.

Ken Marks is in charge of the warehouse assisted by David Feinstein.

HILDEGARD SCHAD, M.D., HEADS QUEENY TOWER

Dr. Hildegard Schad assumed the position as Head of Queeny Tower Division of MIR on July 1, 1971. She is assisted in her duties by one rotating resident each month. This section of radiology provides service to Queeny Tower private physicians and ambulatory patients.



Nurse: Knock, Knock,

Patient: Who's there, friend or enema?

WHAT'S UP, DOC?



DR. TOM W. STAPLE, Chief of Bone and Joint Radiology, and his wife, Shirley, will be flying to Athens, Greece on September 24. While cruising by ship for two weeks among the Greek Islands, he will be delivering a series of lectures to a group of physicians from the mid-west.

(We've had several urgent requests in Public Relations for "Worry Beads". Dr. Staple, do you think you could bring back a few sets from Delphi? We need at least a dozen. ..and one more for Joe Stojeba, Supervisor, Second Floor!)

DR. JOHN V. FORREST, Head of Mallinckrodt Chest Service recently hosted Dr. Stuart Sagel, a fellow Chest Radiologist of Wilford Hall Hospital, National Air Force Medical Center in Lackland, Texas Sept. 15-18. Dr. Sagel lectured and participated with the residents and staff in the chest service functions and conferences at Mallinckrodt.

Dr. and Mrs. Sagel were introduced to the culture and atmosphere of St. Louis, as well as entertained, by Dr. and Mrs. Forrest.

DR. WENDELL SCOTT, Associate Radiologist, recently received the George F. Norlin Award from the University of Colorado. This award, the highest alumni honor, is presented annually to alumni who have excelled in their professional fields.

Foreign intrigue abounds among our Radiology Fellows from around the world. Represented are Pakistan, Egypt, Germany, England, Chile, and the U.S....More about these interesting men of MIR's "international set" in the next issue!

DR. E. JAMES POTCHEN, Director, Division of Nuclear Medicine, has recently been appointed to the National Research Council Committee on Radiology. One of the many functions of this committee is the distribution of monies for the James Picker Foundation in Radiology. Dr. Potchen's forthcoming book is: Principles of Diagnostic Radiology: Companion Volume to Internal Medicine. Edited by Potchen, Koehler, and Davis, the book is published by McGraw-Hill.

DR. OSMON KAHN will present a lecture, "Double Contrast Arthrography of the Knee" in Clopton Auditorium September 30th at the meeting of the Interurban Orthopedic Club. The group consists of 24 of the most outstanding and distinguished orthopedic surgeons in the eastern United States.

DR. FRANSISKA ANN LEE, Instructor in Radiology and Radiation Therapy Trainee, was married to Arthur Putnam Brigham III on September 18, 1971 at St. Phillips Episcopal Church in Joplin, Mo. After a honeymoon in Spain, the couple will live in Webster Groves.

DR. WILEY JOHNSON, Radiology resident, was married to Miss Anita Dennison, third year student in anesthesiology on Saturday August 28, 1971 at Trinity Lutheran Church in St. Louis. Here's our proof that radiology is compatible with anesthesiology.

GATEWAY TO TECHNOLOGY

PAST—PRESENT—FUTURE

The Missouri Society of Radiologic Technologists will conduct its 39th Annual Convention at the Ramada Inn, Highway 66, Fenton, Missouri, on September 30, October 1-2, 1971.

Gary Brink, R.T., Chief Technician, MIR, and Co-chairman of the Program Committee, has been instrumental in coordinating the fine scientific and educational program for the Convention.

A graduate course in Neuro Special Procedure Examinations will be offered in three parts: Anatomy of Head and Neck; Contrast Media for Angiography; and Pragmatic Aspects of Neuro Special Procedures. Mr. Armand Diaz, R.T., FASRT, Technical Administrator of Mallinckrodt, will present Part Three of this course.

For the first time, the Regional Nuclear Medicine Society will hold a concurrent session, specifically for the nuclear medicine technologists. It will be an eight-hour course coordinated by Mr. Leonard Lopez, Supervisor of the Nuclear Medicine Department at MIR.

Dr. John Eichling, Ph.D., Bio-physicist at Mallinckrodt will speak on "Current Research in Radiologic Equipment".

The State film exhibit will provide an opportunity to display technical and creative skill and awards will be presented in two categories, registered and student technicians.

GREAT ENTERTAINMENT has been organized through the efforts of Ann Martz, R.T., Supervisor, Queeny Tower Division, MIR. On opening night, old and new friends will meet at the "Get Acquainted Party" at Anheuser-Busch Hospitality Room with music by the Trio Freddi Group. Thursday Evening, Valley Mount Ranch will be the site of an old-fashioned hayride, a delicious barbecue supper, and square dancing to the music of "Al and his Pals."

Friday evening there will be a reception and buffet dinner honoring the Sante Memorial Lecturer, Thomas Finnegan, R.T.; followed by dancing to "The Vince Arter Set" in the Napoleon Foyer. Saturday night brings the convention to a close, but not without special grandeur. It is the night of the President's Banquet followed by dancing under the stars at the "Constellation Ball".



CALENDAR OF EVENTS

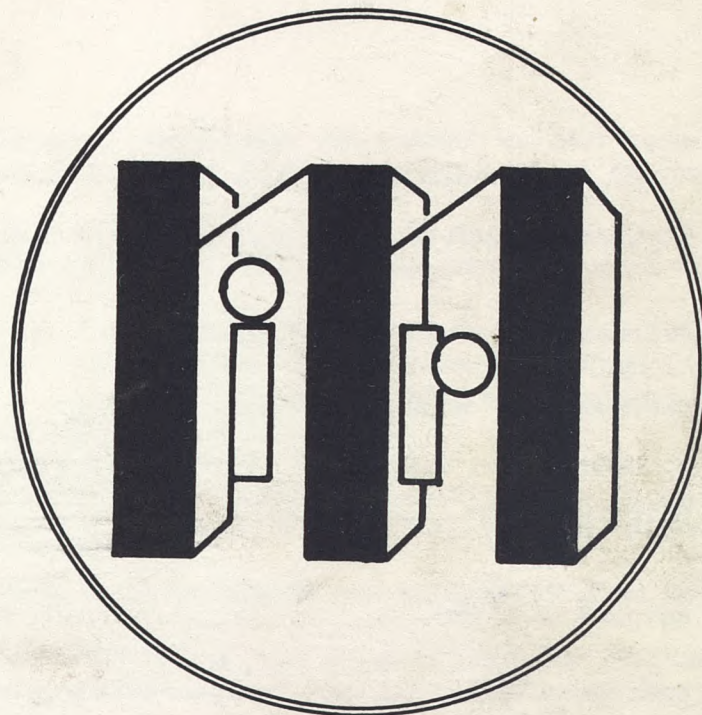
SEPTEMBER 24, 1971 _____	POST GRADUATE SYMPOSIUM: Diagnosis of Thyroid Disease Scarpellino Auditorium
SEPTEMBER 28 – OCTOBER 1, 1971 _____	AMERICAN ROENTGEN RAY SOCIETY Boston, Massachusetts
SEPTEMBER 30 – OCTOBER 2, 1971 _____	MISSOURI SOCIETY OF RADIOLOGIC TECHNOLOGISTS 39th Convention St. Louis, Missouri
OCTOBER 14, 1971 _____	4th DISTRICT M.S.R.T. MEETING Cardinal Glennon Memorial Hospital Stanley Eisen, R.T., President
OCTOBER 14–16, 1971 _____	INSTITUTE FOR RADIOLOGIC TECHNOLOGISTS Dayton, Ohio
OCTOBER 18, 1971 _____	CITY WIDE RADIOLOGY CONFERENCE (Dr. J. Scott Dunbar) Scarpellino Auditorium
OCTOBER 19, 1971 _____	CARMEN LECTURE Sponsored by Greater St. Louis Society of Radiologists (Dr. J. Scott Dunbar) St. Louis Medical Society
OCTOBER 21–23, 1971 _____	RADIATION THERAPY SEMINAR Scarpellino Auditorium
NOVEMBER 18, 1971 _____	4th DISTRICT M.S.R.T. MEETING St. Mary's Hospital, St. Louis, Mo. Stanley Eisen, R.T., President
NOVEMBER 28 – DECEMBER 3, 1971 _____	RADIOLOGICAL SOCIETY OF NORTH AMERICA Chicago, Illinois

PREMIERE

"Another First"

"FOCAL SPOT" is proud to present the premiere of the new Symbol of Mallinckrodt Institute of Radiology. Hereafter, we will be seeing this identifying emblem in many and varied areas of MIR - - letterheads, buttons, certificates, publications, etc., etc.

The three segments of the M symbolize the coordination of teaching, service, and research in the Mallinckrodt Institute of Radiology. They further symbolize the combined efforts of our three clinical services: Diagnosis, Radiation Therapy, and Nuclear Medicine. The emblem was designed by Marilyn J. Harris.



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